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ABSTRACT

The Shawnee High School/Detrick Vocational Center and Fairdale High School/Fairdale Vocational Center Academic/Vocational Projects are pilot programs designed to integrate academic and vocational studies in two Kentucky schools. In this project, students take their basic subjects at their high school and explore the vocational programs at the vocational centers two periods each day. Since the Fall semester of 1983, ninth- through twelfth-grade students have been involved in the program. The project has brought together academic and vocational education, made academic instruction more practical and usable for students who choose vocational education, correlated academic instruction with applied vocational skills, and provided an opportunity for students to begin vocational training in the ninth grade. The competency-based curriculum is correlated with the existing skills continuum in regular academic courses incorporating the vocabulary and jargon of vocational education. The learning center provides remediation and enrichment. The students who have elected to participate in this program have demonstrated a lower dropout rate than the general school population, test scores equal to or better than the identified control group, and a higher than average rate of students selecting a job preparation level vocational education curriculum in the eleventh and twelfth grades. It is recommended that schools considering the implementation of this program should start by offering it at the tenth-grade level first, then at the ninth grade level as the program gains acceptance. (An extensive list of filmstrips, videotapes, records, movies, and books, for career and vocational education is included in the report.) (KC)

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FINAL PROGRESS REPORT

ACADEMIC/VOCATIONAL PROJECT

Jefferson County Public Schools

Fairdale High School- Fairdale Vocational Center

and

Shawnee High School -Detrick Vocational Center

U.S. DEPARTMENT OF EDUCATION
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Project No. H248DE0013F (4407)
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PROJECT ABSTRACT

The Shawnee High School/Detrick Vocational Center and Fairdale High School/ Fairdale Vocational Center Academic/Vocatinal Projects are pilot programs designed to integrate academic and vocational studies. In this project students take their basic subjects at their high school and explore the vocational programs at the Vocational Centers two periods each day. Beginning in the Fall of 1983, both ninth and tenth grade students are involved in the Shawnee/Detrick program and ninth, tenth and eleventh grade students are involved in the Fairdale program.

The purposes of the project are to bring together academic and vocational education, to make academic instruction more practical and useable for students who choose vocational education, to correlate academic instruction with applied vocational skills, and to provide an opportunity for students to begin vocational training at the ninth grade.

The competency-based curriculum is correlated with the existing skills continuum in regular academic courses incorporating the vocabulary and jargon of vocational education. The learning center provides remediation and enrichment. Following is a break-down of the course offerings for the 1983-84 school year.

SHAWNEE COURSE OFFERINGS

Academic Subjects:

English
Science
Mathematics
Health and P.E.
Biology
Civics

Vocational Subjects:

BUSINESS AND OFFICE
Secretarial
Accounting
Clerical

MARKETING AND DISTRIBUTIVE EDUCATION

INDUSTRIAL EDUCATION
Air Conditioning, Heating, and Refrigeration
Auto Service Technology
Carpentry
Fork Lift Mechanics
Interior Finishing
Office Machine Repair

Truck Mechanics
Auto Mechanics
Auto Parts
Boat, Cycle and RV Repair
Diesel Mechanics
Horticulture
Masonry
Plumbing
Welding

FAIRDALE COURSE OFFERINGS

Academic Subjects:

English
Mathematics
Health and P.E.
Science
Biology
Civics

Vocational Subjects:

BUSINESS AND OFFICE
Secretarial
Clerical
Accounting

MARKETING AND DISTRIBUTIVE EDUCATION

HOME ECONOMICS
Child-Care Services
Home Furnishings
Commercial Foods

HEALTH SERVICES

INDUSTRIAL EDUCATION
Drafting
Masonry
Carpentry
Plumbing
Electric Wiring
Auto Body
Auto Mechanics
Electronics
Power Mechanics
Welding
Metals
Machine Shop

MAJOR ACCOMPLISHMENTS

Curriculum has been developed that is competency based and correlates with existing skills being taught in regular academic courses with the vocabulary and applications aimed at vocational education.

Exploratory vocational education curriculum has also been developed that gives each student a short, hands-on, overview of more than twenty vocational educational classes.

A complete Learning Center is operating at each site to give the students enrichment activities and vital employability skills. The learning center also serves as an overflow area to be used when activities at the vocational center limit the number of participants. This feature allows the industrial education teachers to rotate his students through the vocational activities and the learning center and to do this with a manageable size class.

The students who elect to participate in this program have shown, through data, that they have a lower dropout rate than the general school population, test scores equal to or better than the identified control goup and a higher than average rate of students that elect a job preparation level vocational education curriculum in the eleventh and twelfth grade.

RECOMMENDATIONS FOR IMPLEMENTATION OF PROGRAM

The use of this program can be very beneficial to youngsters who potentially will be attending a vocational education program.

However, because this course takes a two hour block of time out of the student's day, it limits the flexibility of their schedule. The requirements for graduation have been increased for high school students and their electives must be chosen very carefully.

Therefore, I recommend that schools considering the implementation of this program start by offering the Level I curriculum for tenth graders. As the program gains acceptance and as personnel becomes more comfortable with it, consideration may be given to implementing Level II at the tenth grade and moving Level I to the ninth grade.

The advantages of this approach are:

1. The students can have more flexibility in their scheduling.

1. The recruiting can be done in the school from the ninth grade instead of from the eighth grade. Ninth graders are usually more mature in their career thinking than eighth graders and the personnel can have a better grasp of the recruiting process if it is done within the building.

3. The tenth graders are more mature in their career thinking than ninth graders and the experience will be closer to the time of their vocational school experiences for those who choose that course of study.

FILMSTRIPS, VIDEO TAPES, RECORDS, AND MOVIES

Careers in

- Sports-Hockey
- Interior Design
- Sportscasting
- Graphic Arts
- Communications
- Cartooning and animation
- Advertising

Library filmstrip center

- Careers in Electricity
- Careers in Welding
- Electrical Safety in the Shop
- Electricity: A happening

Career education for automotive technology

Safety Training for Occupational Programs

- 2-Arc Welding Safety
- Welding Safety - Part I
- Welding Safety - Part I
- Welding Safety - Part II - missing tape

Making it in construction

Transparencies

- Hand tools and machines in the woodshop

Encounter on Aerosol Sniffing

- "RAP ON"

Career Opportunities

- Fine Arts
- ? - Social Studies
- Business
- Foreign Language
- English

Consumerism in the 80's 398A

- 413 Public Service - missing tapes 2, 4 & 6
- 414 Personal Service - missing tapes 1, 3, 5 & 6
- 415 Building Trades
- 406 Occupations in Ecology

Business Correspondence that Works

Metal Spinning Engine Lathe

Use of Leisure Time 398C

Apple II Operations - Word Processing: Communication and Technology

Consumer Choice

RMI: Office Management, Mail processing, filing, Business Occupations, Business English I and II

Working as a Paramedic

Teaching aides

Professional Development in auto Mechanics (VICA)

Career in Music

Contemporary Artists at Work

RMI: Training for a Trade

Women at Work:

Choice and Challenge

Metrics for Career Education

Individualized cassette learning package
A Career in Computers, a career in Aviation

Fascinating world of Work Awareness Series Vol. I

Color Sound Filmstrips

The Nation's Builders

Women's Educational Equity Act Program

Men: Choices and Changes (Born Free #2)
Parents as Influencers (Born Free #6)
The Joy of Choosing (Born Free #4)
Women: Choices and Changes (Born Free #3)
School as Influencers (Born Free #7)
Count me In
Parenting - Three Generations (Born Free #5)
Why Change? (Born Free #9)
A World of Options (Born Free #1)

Filmstrips - A career for Tomorrow

Dentist H510
EKG Technician H59
Nurses Aide H512
Health Services H51
Dental Assistant H55

Master Broadcast Videocassette - Commercial Foods

Guidance Associates

Working for a Living
Job Hunting in the 1980's
Jobs for the 80's
Developing Values

How To Survive in School

Part I
Part II
Part III

The Conduction Part I and II

Working at Success

Films

Big Blue Marble
The Chropractor

Hospitality - Recreation Careers
American Learning Systems
Consumer Advertising

Metric Bingo

Vocational Education - Films

Telephone Craftsmen
painters and Paper hangers
Transmission - Distribution Occupations
Waiters and Waitresses
Air Conditioning & Refrigeration Mechanics
Forestry Aides
Appliance Servicemen
Medical Lab Technologists
Fire Fighters
Postal Clerks

Movies

It's Her Future
-The Math-Science Connection

Film Strips

Job Survival Skills

Art Work - Careers in the Arts - Dance,
Art Work - Careers in the Arts - Drama

Working as a Broadcast TEchnician

Careers: A supplemental Reading Program - Level B

Career Education Clusters Part I

American Woman - New Opportunities

American Man-Tradition and Change

Work Careers in the Arts

Opera
Art

Eye Gate
Eye Gate Media

Careers in marketing Filmstrip Series

Set 1, 3 & 4

SVE Lifeskills

Survival Reading
Basic Skills
Job Careers
Everyday Writing Skills

Fascinating World of Work
Career Awareness Series, Vol. II
Career Awareness Series, Vol. III

Report Writing Skills - Missing Tape 8

The Lathe Explained
The Internal Combustion Engine
Developing VAlues

Big Blue Marble-Career Learning Center

Transportation
Hospitality and Recreation
Public Service
Communications
Environmental Control
Marine Sciences - missing tape
Manufacturing
Construction
Health
Fine ARts & Humanities
Personal Services
Agri-Business
Consumer and Homemaking
Business and Office

Guidance Associates

Preparing for the World of Work
I Wish I'd known that before I went to College
Your job Interview
Four who Quit
Job Attitudes
Your first week on the job
Liking your job and your life

Filmstrips on current affairs

Guidance Associates - Filmstrips

Why work at all?
Work/Working/Worker

Prentice Hall Media

Filing Skills
Furniture Design Fundamentals

EDI

Educational Design Inc.

Pathescope Educational Media

Careers in Computers

Interpretive Education

Job Responsibilities
Part-time Jobs
What are Company Benefits

Coronet Filmstrips

Careers in the Fashion Industry

#450 Small Engines Explained/Bergwall Productions Inc.

#925 Hydraulic Brake System by Prentice/hall

Computer Software:

- Auto Mechanics
- General Shop Practices
- Typing Tutor
- Numeric Data Entry Practice
- Scripsit (Word Processing)

WINC (Women in Non-Traditional Careers)

Careers in Focus

BOOKS

Foodservice Career Educati on Series

Kitchen Sanitation
Foodservice Safety
Cashiering
Counter Service
Fry Cooking
Dishwashing Procedures
Grill Cooking
Waiter/Waitress
Sandwich Preparation
Customer/Employee Relationships
Breakfast Preparation
Foodservice Vocabulary
Food Care and Food Storage
2 - Salad Preparation
Host/Hostess

Cooking for the Professional Chef

2 - Professional Cooking and Baking

Exploring Professional Cooking (teacher's)

Hospitality - Food Service

Food Preparation

Guide to Modern Meals

Food Preparation for Hotels, Restaurants, and Cafeterias

Math Principles for Food Service Occupations

Professional cooking and Baking

2 - Exploring Professional Cooking

Food for Today

General Woodworking
General Woodworking Activity Book

The Cad/Cam Workbook

8 - Occupational outlook Handbook

Exploring Careers

Pictorial Cookbook

Kentucky Survival

Try It, You'll Like It

A Manual for Writers

Guerrilla Tactics in the Job Market

Who's Hiring Who

Sweaty Palms

What Color is your Parachute

The Three Boxes of Life

Business Mathematics

The Computer Field

Exploring Apprenticeship Careers

Keeping the Job

Getting a Job

Industrial Arts for the General Shop

Beginners Guide to Personal Computers

Opportunities In

- Drafting
- Carpentry
- Energy Careers
- Graphic Communications
- Data Processing
- Machine Shop Trades

Chilton's Auto Troubleshooting Guide

Successful Selling

Teen Guide to Homemaking

Exploring Power Technology

2 - Student Driver Handbook

Career Education Clusters (teacher's)

First Foods

Construction Materials

Welding Safefy

Consumer Education

Mathematics for Daily Living

Thresholds to Adult Living

Your Future as

- A designer
- A Dietitian
- A Legal Assistant
- A Working Woman

Aim for a Job in the

- Appliance Repair
- A Small Business Occupation
- Construction Industry

Exploring Careers in

- Science
- Animal Care
- Part time and Summer Employment
- Journalism
- The Last Word
- Home Economics
- Environmental Careers

Your Future in

- Religious Work
- Beauty Culture
- Food Careers
- Interior Design
- Credit Management
- Veterinary
- Word Processing
- Performing Arts
- Broadcasting

Laughing all the way to the Bank

How to Get and Keep a Job

Computers in Education

Educational Software Sourcebook

Food For Today

Reading Tactics

Fundamental of Electricity

Using Good English

Basic Skills in English

Small Gas Engines

Wiring

Designs in Drama

Basic Skills in Engligh (teacher's)

Mindstorms

Possibilities

Word Division Manual

General Metal

Apple Software Directory

Carpentry - Student Guide

General Woodworking Resource Guide

Masonry Skills

Roget's College Thesaurus

Modern Bioloty (teacher's)

Woodworking

Carpentry

Hospitality and Food Service

The Waiter/Waitress Manual

Publication Manual

Physical Science

Books for Occupational Education

Repair and Maintenance of Small Gas Engines

Small Engine Repair

Auto Mechanic Fundamentals

Auto Service and Repair

Automotive Encyclopedia

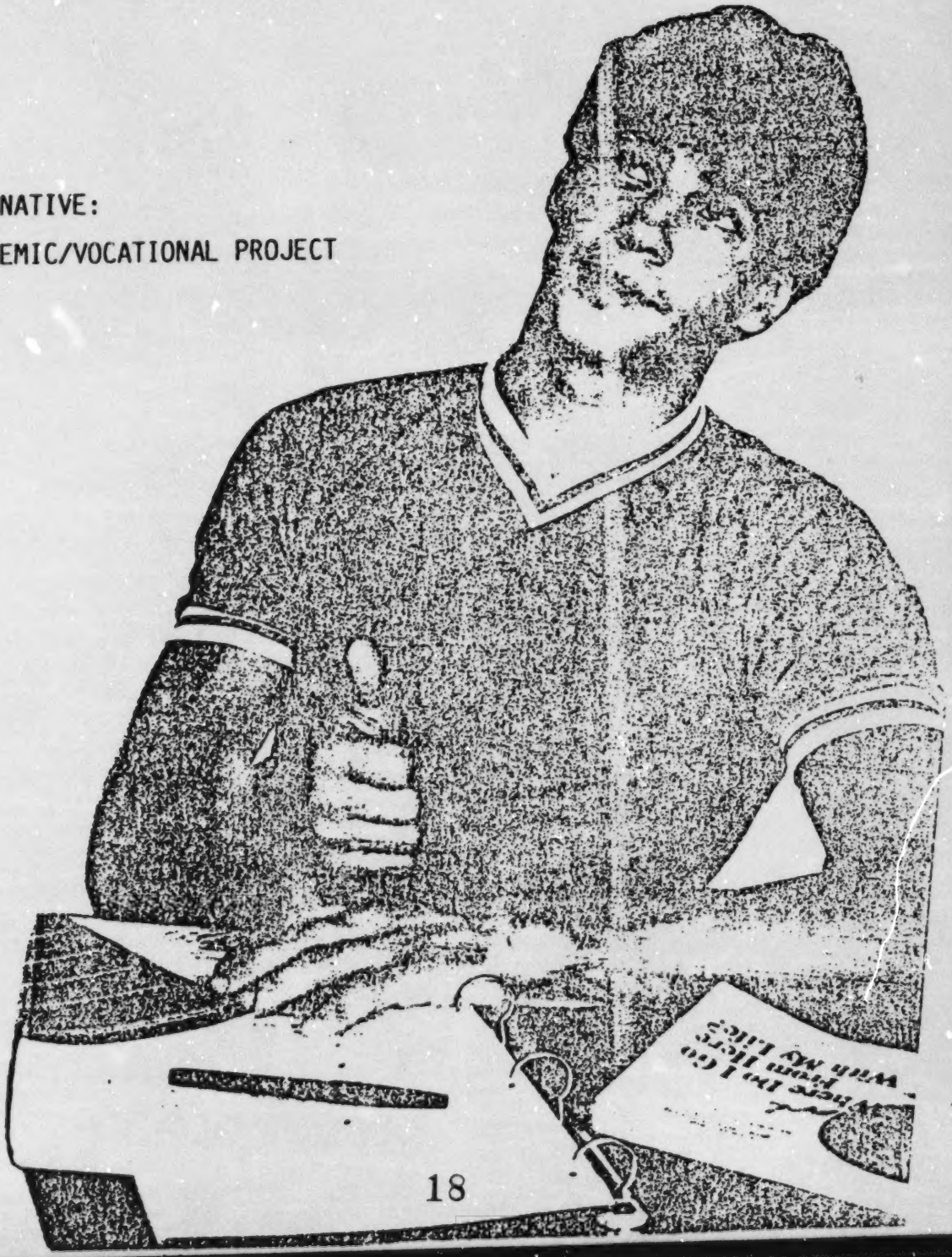
Auto Mechanics

Careers In Focus: Includes 13 occupational clusters (20 student manuals and worksheet booklets, 3 Interview CAssettes and 1 Teacher's manual) per set.

ARE KIDS LETTING A "FLIP" OF A COIN DECIDE THEIR FUTURE?

AN ALTERNATIVE:

THE ACADEMIC/VOCATIONAL PROJECT



Some positive aspects of the Academic/Vocational Project:

The academic curriculum has been designed and presented in such a way that it can be related to vocational education and career choices. The general high school instruction is taught on a practical and usable level, in terms of its revelance to vocational education.

The Academic/Vocational project students have a better opportunity to make mature decisions concerning their career choices. They have, because of their experiences, a broad general understanding of many of the vocational education opportunities available to them. This enables them to make wise decisions concerning their future.

The results of the "Academic/Vocational Project, Parent Survey" tells us that:

1. 84% of the parents felt that their child's academic grades had improved since enrolling in the project.

2. 74% of the parents said that their child's attendance had improved since enrolling in the project.

3. 94% of the parents surveyed said that they felt their child had become more aware of career opportunities as a result of the project experience.

4. 95% indicated that they wanted their child to continue to participate in the project and were pleased with the quality of education that their children were receiving.

ACADEMIC/VOCATIONAL PROJECT

3rd Year Report

114 Students started the Academic/Vocational Project as ninth graders three years ago.

71 of the original students are still in a vocational program in the eleventh grade.

9 of the original students have moved out of the district.

17 of the original students have chosen to take a regular academic curriculum at the high school.

10 of the original students have transferred to other high schools in Jefferson County.

6 of the original students have failed to pass the year and are still in the tenth grade.

1 of the original students has withdrawn from school.

Fall '84 Data	Academic/Vocational Project (3rd Year)	Non-Project Vocational Students (11th grade)
Percent who have made vocational program changes	2.8%	10.3%
Percent who have transferred from a Vocational Program to regular high school academic program	4.2%	9.3%
Percent who are enrolled in "non-traditional" vocational programs	5.6%	4.7%
Percent of attendance	97.8%	95.6%
Drop Out Rate	.9%	5.3%*

*From "Control Group" Data

ACADEMIC/VOCATIONAL PROJECT

1983-84

ENROLLMENT DATA

PROGRAM	ENROLLMENT	MALE W	MALE B	FEMALE W	FEMALE B	DISADVANTAGED ACADEMIC	DISADVANTAGED ECONOMIC	TOTAL	HANDICAPPED
FAIRDALE	215	126	9	60	20	21	74	89	22
SHAWNEE	148	66	30	32	20	112	119	126	37
	TOTALS	231		132		133	193	217	59
		WHITE 284		BLACK 79					

						MALE%	FEMALE%	MINORITY%
FAIRDALE LEVEL I	117	74	3	31	9	66%	34%	10%
FAIRDALE LEVEL II	98	52	6	29	11	59%	41%	17%
FAIRDALE TOTALS	215	126	9	60	20	63%	37%	13%
SHAWNEE LEVEL I	99	53	20	22	4	74%	26%	24%
SHAWNEE LEVEL II	49	13	10	10	16	47%	53%	53%
SHAWNEE TOTALS	148	66	30	32	20	65%	35%	34%
LEVEL I TOTALS	216	127	23	53	13	69%	31%	17%
LEVEL II TOTALS	147	65	16	39	27	55%	45%	29%
PROJECT TOTALS	363	192	39	92	40	64%	36%	22%